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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/525,228	02/22/2005	Hachiro Nakanishi	TAN-349	7189
62479	7590 08/17/2006		EXAMINER	
HAHN & VOIGHT PLLC 1012 14TH STREET, NW		GREEN, ANTHONY J		
SUITE 620	EE1, NW		ART UNIT PAPER NUMBER	
WASHINGTO	N, DC 20005	1755		
			DATE MAILED: 08/17/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
Office Assistant Communication	10/525,228	NAKANISHI ET AL.				
Office Action Summary	Examiner	Art Unit				
	Anthony J. Green	1755				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the o	correspondence address				
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period versions after the reply within the set or extended period for reply will, by statute, any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tir will apply and will expire SIX (6) MONTHS from the cause the application to become ABANDONE	N. nely filed the mailing date of this communication. ED (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on	·					
2a) ☐ This action is FINAL . 2b) ☑ This	☐ This action is FINAL . 2b) ☐ This action is non-final.					
• •	3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
closed in accordance with the practice under E	Ex parte Quayle, 1935 C.D. 11, 4	53 O.G. 213.				
Disposition of Claims						
 4) Claim(s) 1-17 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw 5) Claim(s) is/are allowed. 6) Claim(s) 1-17 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or 	wn from consideration.					
Application Papers						
9)⊠ The specification is objected to by the Examine	ır.					
10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.						
Applicant may not request that any objection to the	- · ·					
Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex						
Priority under 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list 	s have been received. s have been received in Applicat rity documents have been receiv u (PCT Rule 17.2(a)).	ion No ed in this National Stage				
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 12/06/05.	4) Interview Summary Paper No(s)/Mail D 5) Notice of Informal I 6) Other:					

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proper.

DETAILED ACTION

Response to Amendment

1. The preliminary amendment submitted on 22 February 2005 has been entered.

This amendment however is confusing as it recites 2 different claims numbered 15 (one that is represented and one that is canceled). Accordingly it is unclear as to exactly what claims are pending. Further applicant is reminded to use proper parenthetical expressions in the claims. That phrase "Re-presented formerly second claim" is not

Specification

- 2. The disclosure is objected to because of the following informalities: In the specification the section entitled "Brief Captions of Drawings" should be changed to:
- -- Brief Description Of The Drawings --.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

- 3. The following is a quotation of the first paragraph of 35 U.S.C. 112:
 - The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.
- 4. Claims 1-17 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claims contain subject matter which was not described in the specification in such a way as to reasonably convey to

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one skilled in the relevant art that the inventors, at the time the application was filed, had possession of the claimed invention.

Applicant fails to adequately describe the particle size encompassed by the phrase "nanometer size fine particles" as the specification does not recite the sizes encompassed by the specification. Is applicant intending this phrase to mean 100 nanometer or less or does applicant intend the phrase to represent 1 nanometer? Exactly what size is encompassed by the phrase? Clarification is requested.

- 5. The following is a quotation of the second paragraph of 35 U.S.C. 112:
 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 6. Claims 1-17 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1 the phrases "high concentrated" and "poor solvent" are vague and indefinite as the terms "high" and "poor" are relative terms. The phrase "the obtained pigment solution" lacks proper antecedent basis. It is unclear as to what the phase "which is compatible with said solvent and is poor solvent to the pigment" refers to.

That is what is compatible with said solvent and what is poor solvent? Clarification is requested.

In claims 4-6 the phrase "at least the one" is not proper Markush terminology.

In claims 7-10 it is unclear as to what is meant by the phrase "these two or more solvents".

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In claims 11-12 it is unclear as to what is meant by the phrase "using solvent". What is it used as or how is it used? The phase "containing said solvents more that 50 volume" as a solvent for the organic solvent" is confusing. It is unclear as to what is meant by this phrase and it is unclear as to which solvent is being referred to. Is it the amide organic solvent or the poor solvent? Clarification is requested. The phrase "at least the one" is not proper Markush terminology.

In claims 13-17 the phrases "the preparation of solution", "the condition", "the prepared high concentrated organic pigment solution of 0.5 mmol/L to 100 mmol/L", and "the lowest temperature of liquid state" lack proper antecedent basis.

Information Disclosure Statement

7. The prior art submitted by the applicant has been considered however it is not seen to teach and/or fairly suggest the instant invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony J.

Green whose telephone number is 571-272-1367. The examiner can normally be reached on Monday-Thursday 6:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jerry Lorengo can be reached on 571-272-1233. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Ahthony J. Greén Primary Examiner Art Unit 1755

ajg August 6, 2006